CIRRUSDX

FINAL

Accession #: W2025-000578
Name: Clark, Betty
DOB: 7/5/1973
MRN/SSN:
Sex: Female

Laboratory Information	Sample Information	Practice Information
CirrusDx, Inc 77 Upper Rock Circle, 4th Floor Rockville, MD 20850 CLIA# 21D2130541 Dr. Todd Myers, Lab Director 240-813-8801 or reports@cirrusdx.com	**Technician:** AJ **Date Collected:** 10/22/2025 **Date Received:** 10/22/2025 **Date Reported:** 10/25/2025 **Reporting Method:** EMR	**Name:** Apple Urology **Provider:** Physician, One **Address:** 123 Apple Way Farmville MD 12345 **Phone:** 987-654-3210 **Fax:** (301) 621-4254 **Email:** results@appleurology.com

Test Information: Wound Infection Panel (WIP™) & Culture Based AST (polyMIC™)				
Specimen Type:	Wound Swab	Right foot	**Antibiotic Usage:**	Unknown

Detected pathogens, as determined by Wound Infection Panel (WIP™)		
Organism Name	**Classification**	**Detection Level (Organism/mL)**
Acinetobacter baumannii	Gram Negative	$1x10^7$
Escherichia coli	Gram Negative	$1x10^7$
Anaerococcus spp.	Gram Positive	$1x10^7$
Enterococcus faecalis	Gram Positive	$1x10^7$

Antibiotic Susceptibility (polyMIC™)

Antibiotic Susceptibility was determined using culture

Oral / Topical Antibiotics	Amoxicillin / Clavulanic Acid	Azithromycin	Ciprofloxacin	Clindamycin	Doxycycline	Levofloxacin	Linezolid	Minocycline	Omadacycline	Trimethoprim-Sulfamethoxazole	Bacitracin (Topical)	Neomycin (Topical)	Polymyxin B (Topical)
A. baumannii	iR	iR	R	iR	S	R	iR	R	R	S			
E. coli	S	iR	R	iR	S	R	iR	R	S	R		R	R
Anaerococcus spp.	S			R									
E. faecalis	S		R	iR	S	R	R	R	S	iR			iR

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Antibiotic Susceptibility (polyMIC™) Antibiotic Susceptibility was determined using culture											
IV Antibiotics	Amikacin	Cefazolin	Ceftriaxone	Ertapenem	Gentamicin	Imipenem	Meropenem	Penicillin G	Piperacillin / Tazobactam	Tobramycin	Vancomycin
A. baumannii	R		R	iR	R	R	R	iR	R	R	iR
E. coli	R	R	R	R	R	R	R		R	R	iR
Anaerococcus spp.			R	R		R	R	R	R		
E. faecalis	iR	iR			iR	R	R	R	R	iR	R

General Comments
None.

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Notes:

Questions including Clinical Consultation on Results: 240-813-8801 or reports@cirrusdx.com

Organism Tested (Reference Range):

Organism List	
Reference Range is listed next to each organism	
Acinetobacter baumannii < $1x10^3$	*Klebsiella oxytoca* < $1x10^4$
Anaerococcus spp. (*A. vaginalis*)* < $1x10^4$	*Klebsiella pneumoniae* < $1x10^4$
Bacteroides fragilis < $1x10^3$	Methicillin Resistance (mecA/mecC) Not Detected
Candida spp. (*C. albicans*, *C. glabrata*, *C. krusei*, *C. parapsilosis*, *C. tropicalis*) < $1x10^3$	MRSA (Methicillin-resistant *Staphylococcus aureus*) < $1x10^4$
	Peptoniphilus spp. (*P. asaccharolyticus*)* < $1x10^4$
Citrobacter spp. (*C. koseri* and *C. freundii*) < $1x10^3$	*Peptostreptococcus spp.* (*P. anaerobius*)* < $1x10^4$
Clostridium spp. (*C. perfringens* and *C. septicum*)* < $1x10^4$	*Porphyromonas spp.* (*P. gingivalis*)* < $1x10^3$
CNS - Coagulase Negative Staphylococcus (*S. epidermidis, S. haemolyticus, S. lugdunensis, S. saprophyticus*) < $1x10^4$	*Prevotella bivia* < $1x10^4$
Corynebacterium spp. (*C. tuberculostearicum* and *C. jeikeium*)* < $1x10^3$	*Proteus spp.* (*P. mirabilis* and *P. vulgaris*) < $1x10^4$
	Pseudomonas aeruginosa < $1x10^4$
Cutibacterium spp. (*C. acnes*)* < $1x10^4$	*Serratia marcescens* < $1x10^4$
Enterobacter cloacae < $1x10^3$	*Staphylococcus aureus* < $1x10^3$
Enterococcus faecalis < $1x10^4$	*Stenotrophomonas maltophilia* < $1x10^4$
Enterococcus faecium < $1x10^4$	*Streptococcus agalactiae* < $1x10^4$
Escherichia coli < $1x10^3$	*Streptococcus pyogenes* < $1x10^4$
Finegoldia magna < $1x10^3$	Viridians Group Streptococci (*S. mitis*, *S. pneumoniae*, *S. parasanguinis*, *S. sanguinis*)* < $1x10^4$
Klebsiella aerogenes < $1x10^4$	

*Due to the complexity of the bacteria genus, there may be other species that are detected in the assay that are not listed.

Organisms/mL: are based on the calculation of genome equivalents. One genome equivalent is theoretically equal to one colony forming unit (cfu).

WIP™ test method: Wound Infection Panel, Real-Time PCR.
polyMIC™ test method: Antibiotic susceptibility testing is performed by using culture. Reference range for antibiotics are susceptible.
Halo (H): is the result of both Sensitive and Resistant organisms responding to an antibiotic.
Sensitive (S): indicates the organism(s) is susceptible to the antibiotic.
Intermediate (I): indicates the organism(s) is susceptible to the antibiotic but not at a level required to ensure effectiveness.
Resistant (R): indicates the organism(s) is not susceptible (resistant).
Intrinsic Resistance (iR): bacterium is known to be intrinsically resistant to this antibiotic.
Black Spaces in polyMIC™ Tables: are there for the following reasons: the antibiotic was not cleared by the FDA for use with that bacterium, there is insufficient evidence in the literature to support using that antibiotic for that bacterium, and/or that antibiotic has been shown in the literature to not be effective against that bacterium. Laboratory susceptibility does not always predict clinical outcomes.

It is the physician's responsibility to interpret the results provided and determine the appropriate (if any) treatment options including antibiotic selection.

The assays were developed and their performance characteristics were determined by CirrusDx. They have not been cleared or approved by the US Food and Drug Administration. The FDA does not require these tests to go through premarket FDA review. This test is used for clinical purposes. It should not be regarded as investigational or for research.

This report has been reviewed and approved by:

F-270.05

Dr. Todd Myers, Laboratory Director.